APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Influence of Rolling and Annealing Practice Upon Mechanical Properties of Clad Strip, by S. Kuzhakevich, E. Bratinkova.

RUSSIAN, per, Stal, Vol I, No 6, 1941, pp 26-29.

Brutcher Tr No 1477

16,411

Scientific - Min-Metals

$5.80

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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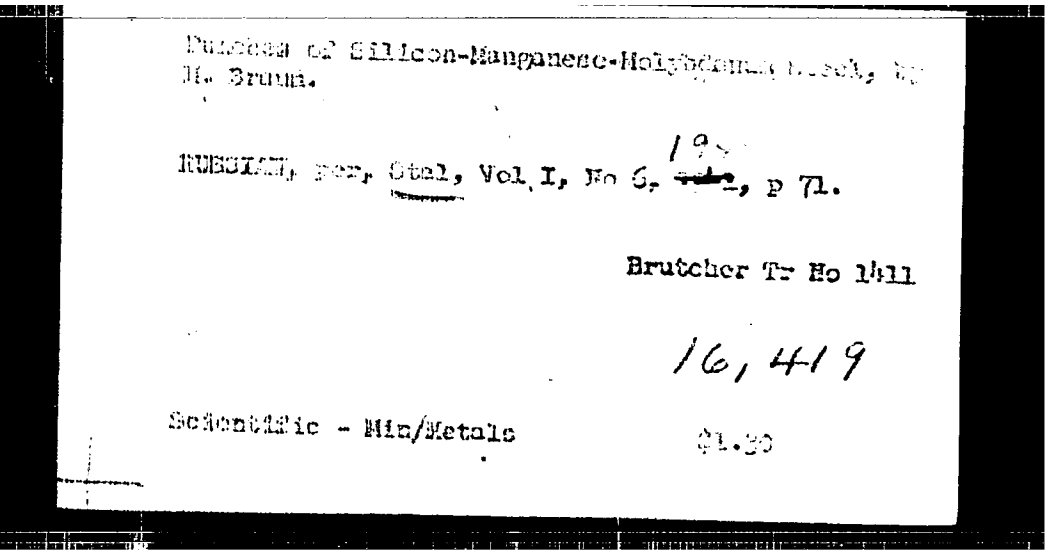

Duration of Silicon-Manganese-Molybdenum [illegible], by
M. Brunn.

RUSSIAN, Per, Stal, Vol I, No 6, [illegible], p 71.

Brutcher Tr No 1411

16,419

Scientific - Min/Metals

$1.30

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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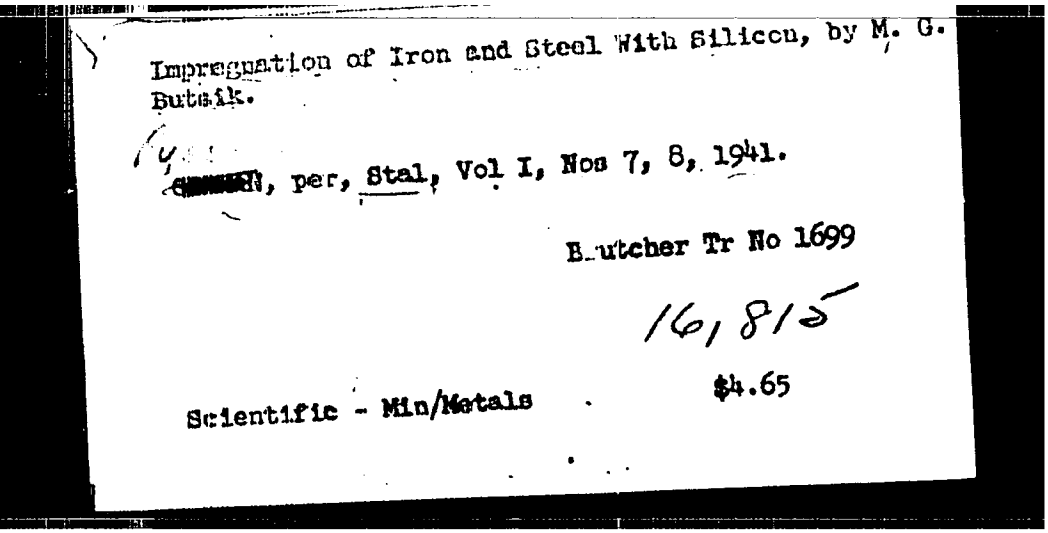

Impregnation of Iron and Steel With Silicon, by M. G. Butsik.

[redacted], per, Stal, Vol I, Nos 7, 8, 1941.

B. utcher Tr No 1699

16,815

Scientific - Min/Metals

$4.65

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Effect of Steel Composition Upon Sticking of Sheet in Rolling, by V. Magidson.

RUSSIAN, Stal, Vol 3, 1943, No 5-6, p 67

Brutcher Tech Tr No 2444

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Silicon-Chromium Constructional Steel With 0.[illegible] C,
by H. P. Bream, A. M. Goncharov.

RUSSIAN, per, Stal, Vol III, Nos 5,6, 1943,
PP 69, 70.

Brutcher Tr No 1593

16,420

Scientific - Min/Metals $2.80

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Practical Gas Chromizing of Small Steel Parts, by V. I. Arkharov.

RUSSIAN, per, Stal, Vol III, Nos 11, 12, 1943.

Brutcher Tr 1747

12,849

$4.65

Scientific - Min/Metals

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

How to Avoid Flakiness in High Alloy Constructional Steel, by A. A. Rastorguyev, I. G. Arzamastsev.

RUSSIAN, per, Stal, Vol XIII, No 9-10, 1943, 5 figures, 2 tables, 4000 words, 1943.

Brutcher Trans No 1617
$6.00

Scientific - Minerals/Metals

14,543

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Melting of Cr-Mo-Al Steel in 110-ton Basic Open-hearth Furnace, by I. G. Arzamastsev, V. I. Palant.

RUSSIAN, per, Stal, Vol IV, No 7-8, 1944.

Brutcher Tr No 2814

Scientific - Minerals/Metals

$2.85

14,536

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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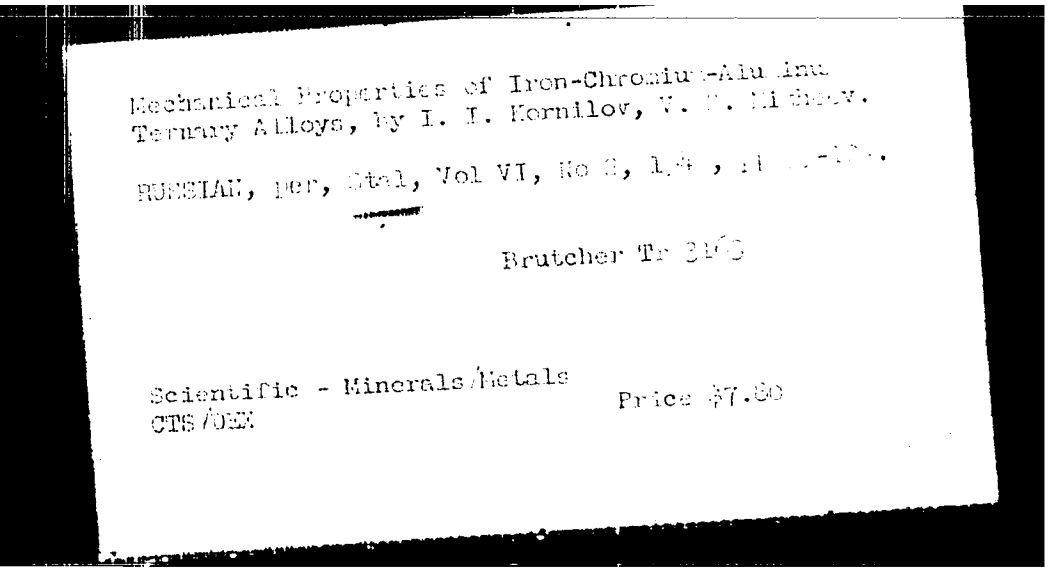

Mechanical Properties of Iron-Chromium-Aluminum Ternary Alloys, by I. I. Kornilov, V. V. Nidzev.

RUSSIAN, Per, Stal, Vol VI, No 3, 1[illegible], pp [illegible].

Brutcher Tr 3[illegible]

Scientific - Minerals/Metals
CTS/DEX

Price $7.80

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Manufacture of Coke With Small Additions of Oil to Coal Mix, by A. A. Agroskin, S. M. Grigor'ev.

RUSSIAN, per, Stal (Moscow), Vol VI, Nos 9, 10, 1946.

Brutcher Tr 2035

Scidantific - Fuels $6.45

12,894

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

A New method for Evaluating the Quality of Blast-Furnace Coke, by K. Syskov.

RUSSIAN, per, Stal, Vol VI, 1946, pp 627-631.

CSIRO-3232

Sci

Aug 58

71,712

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Influence of Boron and Vanadium Upon Kinetics of Isothermal Transformation of Austenite, by S. D. Brik, V. E. Neimark, R. I. Entin.

RUSSIAN, per, Stal, Vol VI, No 11, 12, 1946, pp 661-666.

Brutcher Tr No 2759

16,428

Scientific - Min/Metals

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Rammed Forms and Front Walls in Open-Hearth Furnaces, by V. N. Lavrinenko

RUSSIAN, per, Stal, Vol VI, No 11-12, 1946, pp 697.

Brutcher Tr 2794

Scientific - Minerals/Metals
CTS/DEM Price $1.80

11,399

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

The Equilibrium of Forces in Rolling With Lateral Spread, by I. M. Pavlov.

RUSSIAN, per, Stal', No 1, 1947, pp 39-48.

BISI 1826

Sci - Engr

148,824

May 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Manufacture of Iron Powder Products with a Wide Range of Properties, by T. Y. M. Lipkes and L. A. Faikina, 10 pp.

RUSSIAN, per, Stal, Vol VII, No 2, 1947, pp 149-151. (Loan Copy Only).

SLA R-2077

Sci

Aug 58

71,439

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Influence of Small Additions Upon the Properties of High Chromium Heat Resisting Steel, by V. N. Svechnikov, N. S. Alferov.

RUSSIAN, per, Stal, Vol VII, No 4, 1947

Brutcher Tr 2096

Scientific - Min/Metals $6.90

12,756

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Influence of Small Additions of Boron and Vanadium Upon Crystallization of Steel, by S. D. Brik, V. E. Neimark, N. I. Eutin.

RUSSIAN, per, Stal, Vol VII, No 4, 1947, pp 336-340.

Bfutcher Tr No 2761

16,429

Scientific - Min/Metals

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Surface Phenomena in Metallurgical Processes, by S. T. Sopina.

per,

RUSSIAN, Stal, Vol VII, No 5, 1947, pp.395-399.

Brutcher Trans-WD-2111

Scientific - Metallurgy, steel, processes

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

The Deformation Process in Cross Rolling, by V. S. Smirnov. UNCL

RUSSIAN, per, Stal, Jun 1947, pp 511-518.

NLL 11-4-5[illegible]
British Iron and
Steel Ind 1311
(L7)

Sel - Min/Met
Jun 59

89,849

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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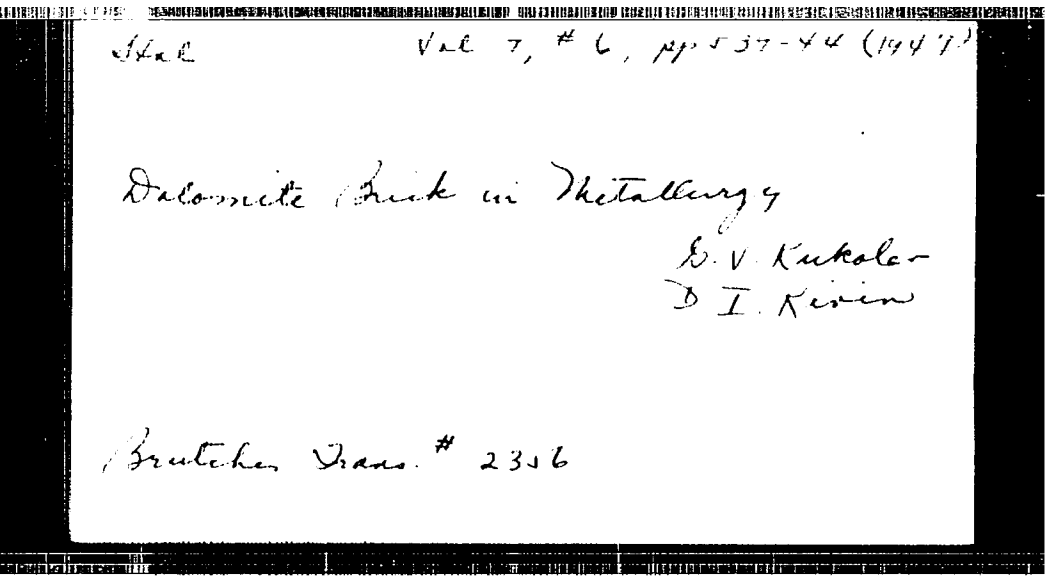

Stal Vol 7, # 6, pp 537-44 (1947)

Dolomite Brick in Metallurgy

E. V. Kurkolev
D. I. Kevien

Brutcher Trans. # 2356

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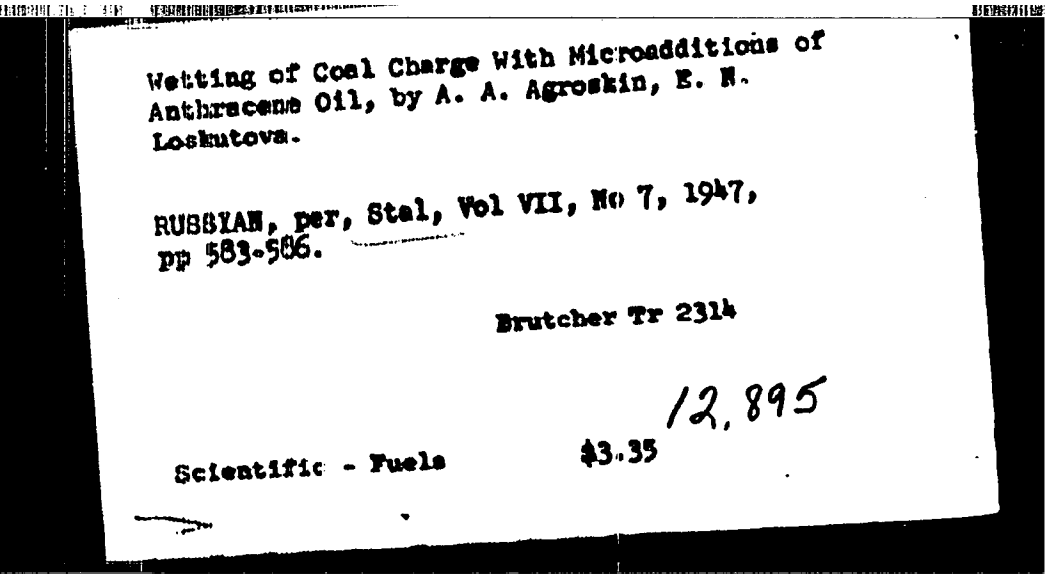

Wetting of Coal Charge With Microadditions of Anthracene Oil, by A. A. Agroskin, E. N. Loskutova.

RUSSIAN, per, Stal, Vol VII, No 7, 1947, pp 583-586.

Brutcher Tr 2314

12,895

Scientific - Fuels $3.35

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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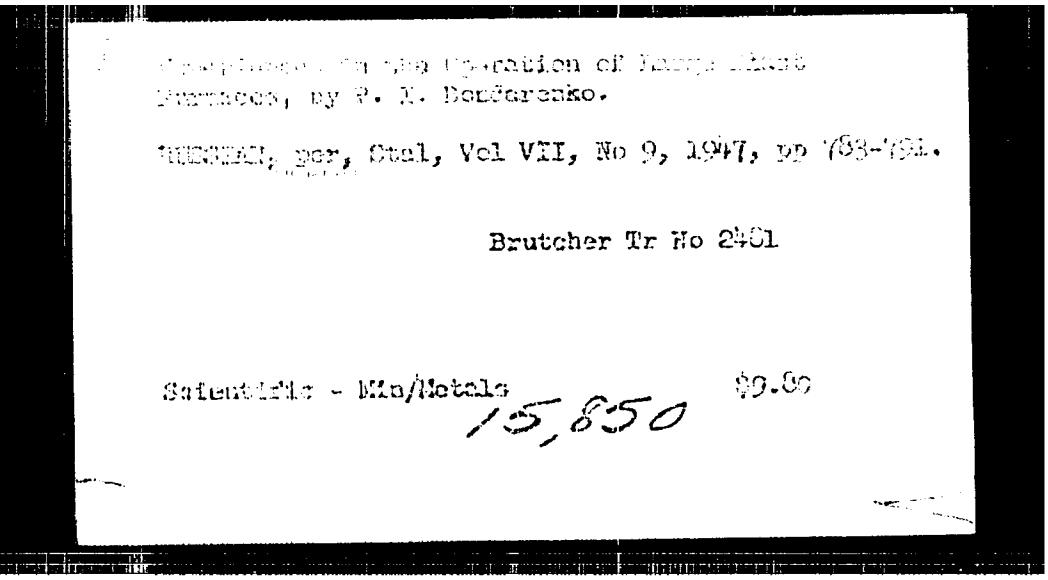

[illegible] on the Operation of Ferrite Alloy Furnaces, by P. I. Denisenko.

[illegible], per, Stal, Vol VII, No 9, 1947, pp 783-784.

Brutcher Tr No 2401

Scientific - Min/Metals 15,850 $9.00

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Physico-Chemical Principles of the Production of Ferroalloys, by V. P. Elyutin, B. E. Levin.

RUSSIAN, per, Stal, Vol VII, No 10, 1947, pp 903-910.

Brutcher Tr No 3405

CIA/ AC-11-202

Scientific - Chemistry

Dec 54 CIS/DEX

$7.90

19,700

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

The Gas-Fired Cupola, by A. A. Belyanchiy.

USSR, per, Stal, Vol VII, No 10, 1947, pp 944, 945.

Brutcher Tr No 2292

Scientific - Min/Metals $1.95

14,971

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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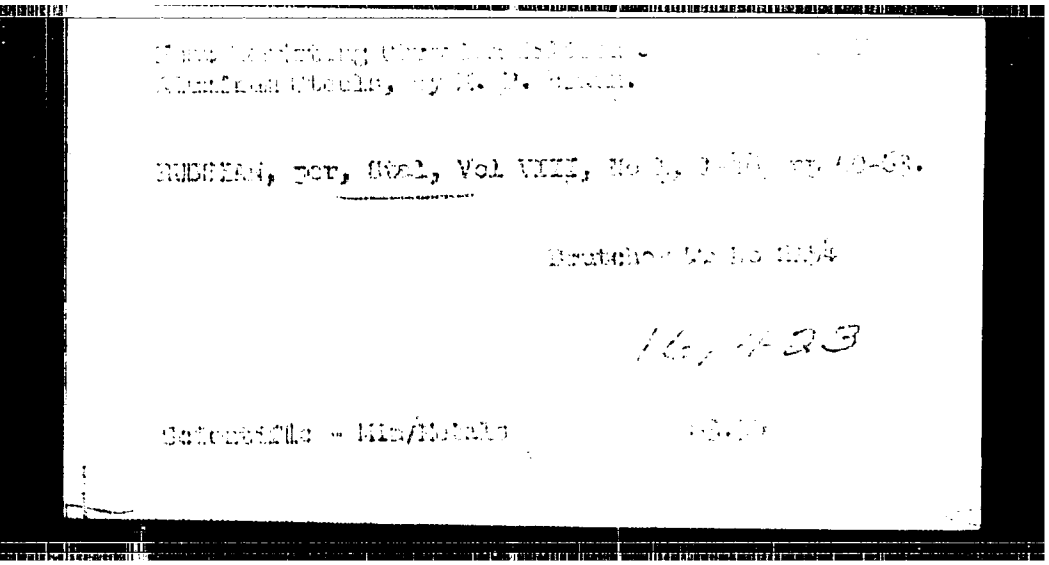

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

V Manufacture of Slag Blocks at the Chelyabinsk Works, by G. K. Postylyakov, I. A. Glyzin.

RUSSIAN, per. Stal, Vol VIII, No 1, 1948, p 87.

Brutcher Tr 3740

Sci - Engineering

Aug 1956 37,402 $1.80

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Diffusion Recombination With Coke In the Basic Open-Hearth Furnace, by K. K. Chuprin. UHCL

RUSSIAN, per, Stal, No 2, 1948, pp 135-142.

British Iron and Steel Ind
(no number given)

Sol -mlw/Mat
Sep 59

98/131

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

NEIMARK, V. E.
ET AL

Stal., vol. 8, No.3, 17 figures, 2 tables, 3700 words; 1948.

Influence of Titanium and combined additions of boron, vanadium and titanium upon crystallization of steel.

Brutcher, Trans. Order No. 2238, $5.55

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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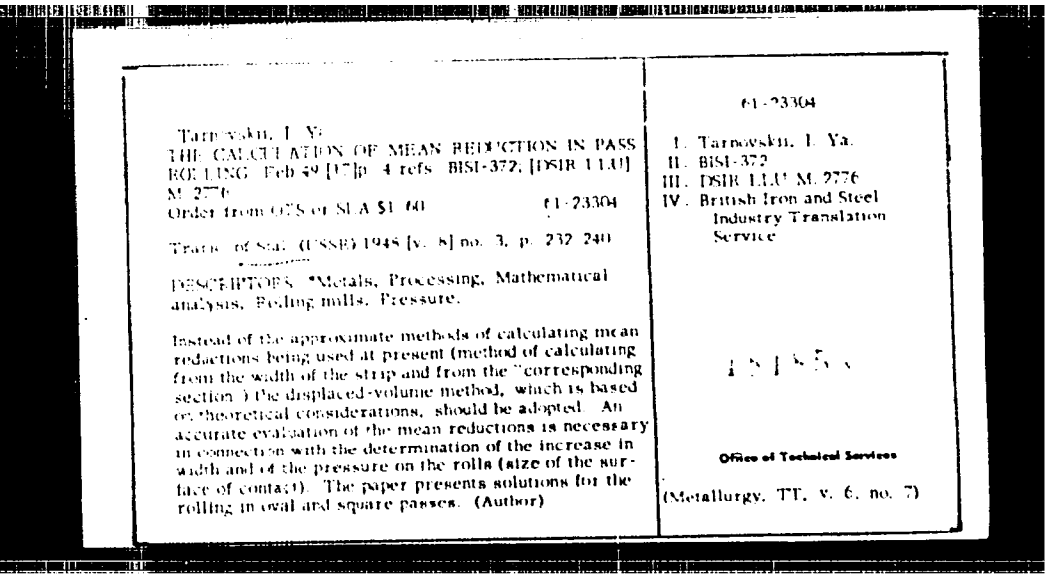

Tarnovskii, I. Ya.
THE CALCULATION OF MEAN REDUCTION IN PASS ROLLING. Feb 49 [17]p. 4 refs. BISI-372; [DSIR LLU] M. 2776
Order from OTS or SLA $1.60 61-23304

Trans. of Stal' (USSR) 1948 [v. 8] no. 3, p. 232-240

DESCRIPTORS: *Metals, Processing, Mathematical analysis, Rolling mills, Pressure.

Instead of the approximate methods of calculating mean reductions being used at present (method of calculating from the width of the strip and from the "corresponding section") the displaced-volume method, which is based on theoretical considerations, should be adopted. An accurate evaluation of the mean reductions is necessary in connection with the determination of the increase in width and of the pressure on the rolls (size of the surface of contact). The paper presents solutions for the rolling in oval and square passes. (Author)

61-23304

I. Tarnovskii, I. Ya.
II. BISI-372
III. DSIR LLU M. 2776
IV. British Iron and Steel Industry Translation Service

Office of Technical Services

(Metallurgy, TT, v. 6, no. 7)

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STAL' No. 6, ½ p, Jun 49

"Comments on the Article 'Production of Ball Bearing Steel' by S. Z. Yudovich and V. G. Speranskiy"

M. I. Kolosov

T-181-7

1/49T18

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

STAL'

No 6, 8½ pp, Jun 48

"Test of Optimum Technology for Smelting Ball Bearing Steel"

M.I. Kolosov
I. Ya. Ayzenshtok
N. V. Keys

Proj 3507
T 181-5

SR 3/23/51 U Rpt 1/49T15

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Influence of Gases on the Crystallisation of the Ingot, by I. V. Polin, 9 pp.

RUSSIAN, per, Stal, Vol VIII, 1948, pp 55-59.

CIA/FDD/Z-204

30,878

Scientific -

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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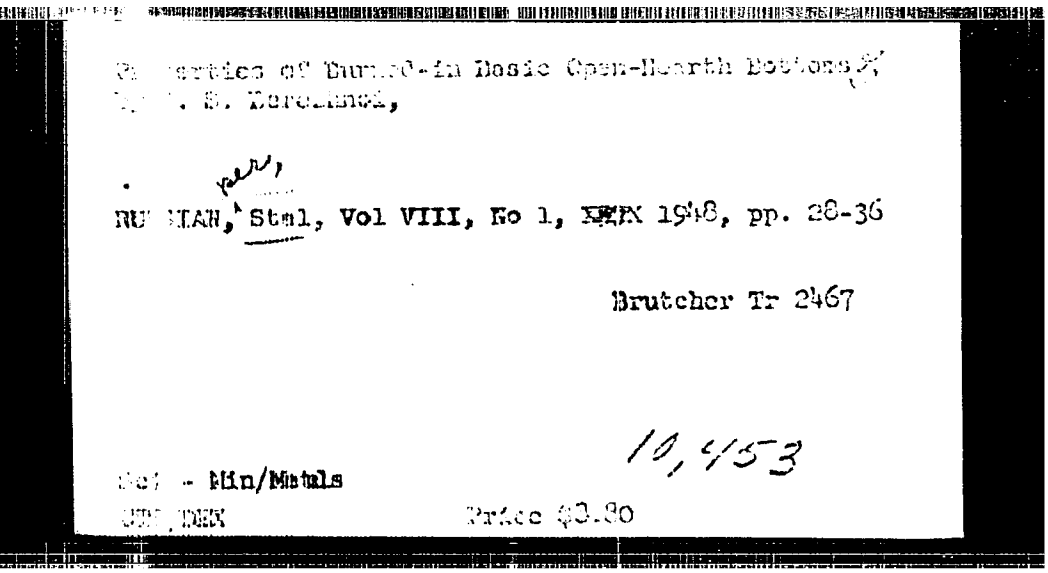

Properties of Burned-in Basic Open-Hearth Bottoms,
[illegible] E. Turchkin,

RUSSIAN, Stal, Vol VIII, No 1, [illegible] 1948, pp. 28-36

Brutcher Tr 2467

10,453

Ref - Min/Metals

[illegible] INDEX Price $3.80

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Diffusion Deoxidation With Coke in the Basic Open-Hearth Furnace, by K. K. Chuprin. UNCL

RUSSIAN, per, Stal, No 2, 1943, pp 135-142.

British Iron and Steel Ind
(No number given)

Sci -min/Met
Sep 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

STAL' No 9, 3¼ pp, Sep 48

"Use of Coke Gas in Place of Acetylene"

N. M. Kunitsyn

Summary

ST #17-2
AR 3 Mar 1949

6/49T13

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Influence of Columbium and Titanium Upon Plastic Properties of Stainless and Heat Resisting Steel at High Temperatures, by M. S. Alferova.

RUSSIAN, K per, Stal, Vol VIII, No 10, pp 911-916.

Bratcher Tr 2795

Scientific - Min/Metals 12,758

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

[redacted] ibles of Basic Burned-in Open-Hearth Bottoms,
[redacted] . S. Boreshnoff.

36.
[redacted] Met, Per, Stel, Vol VIII, No 1, 1949, pp 28-34

Drutcher Tr No 2467

14,653

[redacted] metallic - Min/Metals $8.80

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

The Gas-Hardening of Rail Ends, by Yu. Grdina, N. Shubina.

RUSSIAN, per, Stal', 1950, pp 40-44.

HLL M.4274

Sal -- Min/Met

Apr 62

193,919

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Preventing the Occurrence of Premature Cavitation in the Piercing of High-Alloy Steels, by O. A. Plyatskovsky, G. P. Plakhtikov. UHCL

RUSSIAN, per, Stal, Apr 1952, pp 330-336.

British Iron and Steel Ind 1364

93, 4/3/

Sel - Min/Met
Aug 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

The Precise Determination of the Mean Rate of Deformation During Rolling, by A. I. Tselikov.

RUSSIAN, per, Stal', Dec 1954.

BIBI 1939

Sci - Engr

169, 961

Sep 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Ironmaking, by A. P. Popov, Yu. A. Popov.

RUSSIAN, par, Stal', Vol XIV, Nov 1954, pp 975-983.

BISI 3245

Sci - M/M
Jul 63

235,714

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

(FDD 25953)

Experience in the Operation of Blast Furnaces With Increased Gas Pressures, by I.D. Bal on, I.K. Kotov, G.D. Muguyev, 23 pp

RUSSIAN, mo per, Stal', No 1, Moscow, Jan 1955, pp 23-31

Dec 55 GTS

CIA/FDD/U-7637

30,508

USSR
Econ

(copyright)

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Effect of Initial Structure on Development of Temper Brittleness, by T. V. Sergyevskaya,

RUSSIAN, per, Stal, Vol XV, No 1, 1955, pp 63-68.

Brutcher Trans 3597
$6.60

Sci - Minerals/Metals

29,819

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

"On the Nature of Spottiness in a Chrome-Molybdenum-Aluminum Nitriding Steel, by V. D. Oreshkin.

"RUSSIAN, per, Stal, Vol XV, No 1, 1955, pp 69-70.

Brutcher Tr
No 3598

Scientific - Min/Metals Jan 56 CTS/DEX

$1.90 30,303

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

ow to Improve the Structural Homogeneity of
ot-Rolled (Strip) Steel, by V. A. Shaurin et al

USSIAN, per, Stal, Vol 15, No 1, 1955
p 86-88

Brutcher No 3599
$3.80

31,232

cientific - Min/Metals
eb 56 CTS/dox

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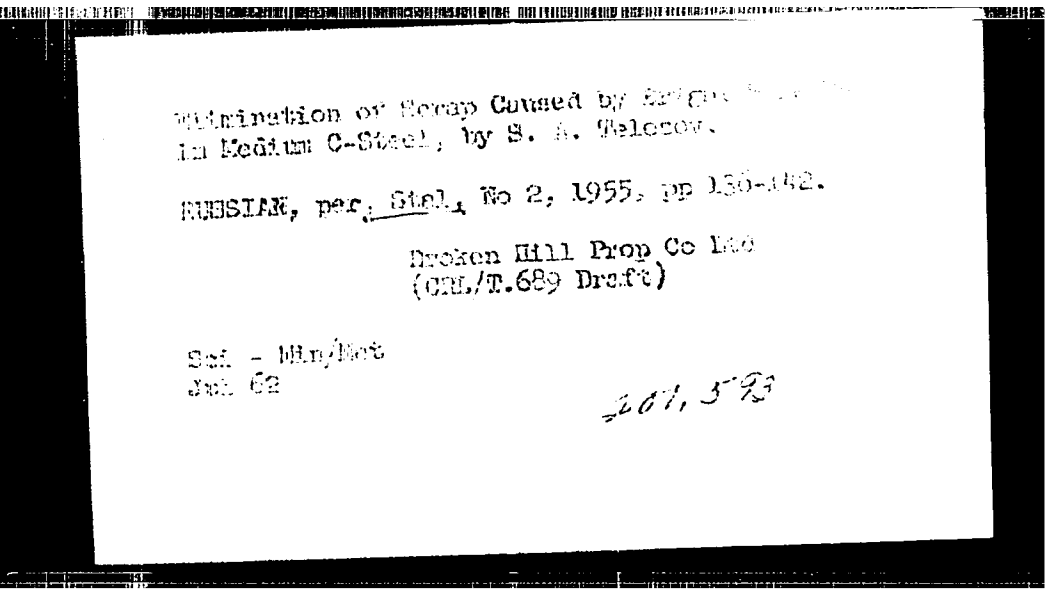

Elimination of Scrap Caused by [illegible]
in Medium C-Steel, by S. A. Telecov.

RUSSIAN, per. Stal., No 2, 1955, pp 136-142.

Broken Hill Prop Co Ltd
(CRL/T.689 Draft)

Sel - Min/Met
Jan 62

207, 593

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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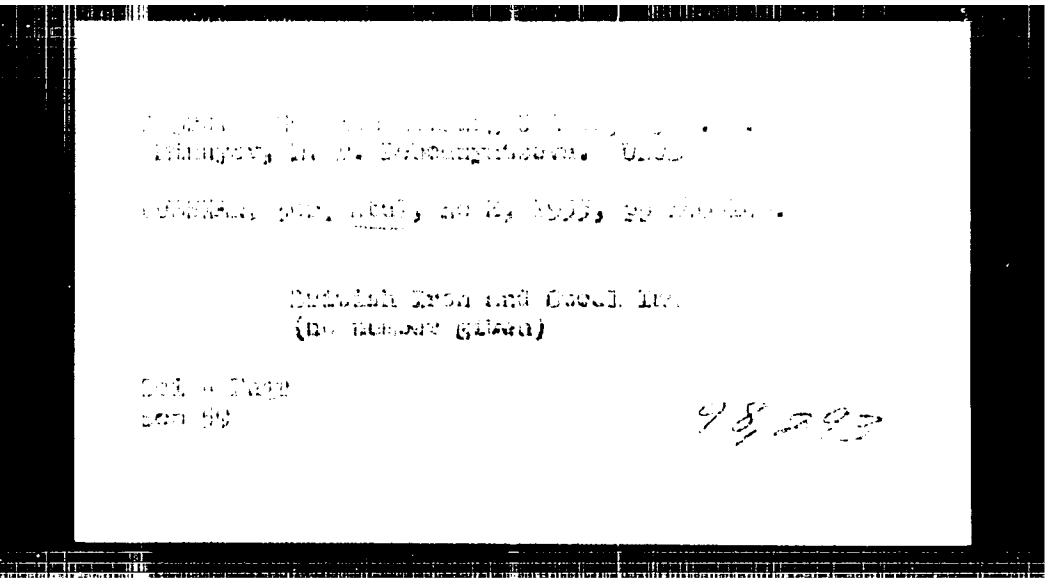

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Effect of Size Distribution of Coal Charge on Coke Quality, by I. M. Lazovskii, A. S. Tsynovnikov,

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CRL/T. 873

Sci
Dec 62

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New Trends in the Planning of Sintering Plants, by A. B. Pathovskiy, 22 pp.

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36,039
CIA/FDD U-8344

USSR
Econ

May 56/den

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Calculation of Strength of Roofs of Open-hearth Furnaces, by N. P. Kublanov. UNCL

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British Iron and Steel Ind
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Sci - Engr
Sep 59

98,230

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Determination of the Basic Parameters and Improvement in the Construction of Open-Hearth Furnaces, by M. A. Charoenko. UMCL

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British Iron and Steel Ind
(no number given)

Sci - Engr; Math
Sep 59

98/130

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Experimental Determination of Stresses in a Type Kh PT-75 Cold Rolling Tube Mill, by V. I. Sokolovsky, V. S. Gashukov. USSR

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British Iron and Steel Ind
(no Number given)

Sci - Engr
Sep 59

98,392

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The Direction Taken by the Gas Flows in the Coal Charge in a Coke Retort When Manufacturing Coke, by M. P. Khudiokormov. UESL

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TIL 5052

Sci - Fuels

Mar 60

111,875

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Perfection of the (Basic) Open-Hearth Steelmaking Technology Using the (Hot-Pig) Scrap-Ore Process, by Ya. A. Shmarov, A. N. Morozov.
RUSSIAN, per, Stal; No 4, 1955, pp 312-328.
(TAS 1342)
INFO SK-5

314,395

Sci - Mechanical, Industrial, Civil, and Marine Engineering
Nov 66

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Perfection of Basic Open-Hearth Steelmaking Technology Using Hot Pig Scrap-Ore Process, by Ya. A. Shmarev, A. M. Morozov. UMCL

RUSSIAN, per, Stal, No 4, 1955, pp 312-328.

British Iron and Steel Ind
(no number given)

98394

Hol - Min/Met
Sep 59

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(FDD 25954)

On the Problem of Perfecting the Technology of Electro Smelting Steel, (ADiscussion of the Article by V. G. Speranskiy (1), by S. G. Voinov, 18 pp

RUSSIAN, mo per, Stal', No 4, Moscow, Apr 1955, pp 329-333

CIA/FDD/U-7987

33,464

USSR
Econ

Apr 56

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

Transformer Steels Alloyed With Aluminium,
N. P. Dubrov, et al. UNCL

RUSSIAN, per, Stal, No 4, 1955, pp 347-350.

British Iron and Steel Ind
(no number given)

Sak - Min/Met
Sep 59

98,072

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Transformer Steel Alloyed With Aluminium, by W. A. Zolivanowa, T. S. Konovalova.

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VDeh

Verein Deutsch Eisenhuettenleute
Duesseldorf
Breite Strasse 27, Germany

Dec 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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Experience in the Organization of Cost Accounting in the Open Hearth Shop, by V. S. Kushpel', 9 pp.

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CIA/FDD/U-7948

33,462

USSR
Econ

Apr 56

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The Question of Improving the Structure of High-Speed Steel Obtained as an Ingot, by S. I. Malinkine.

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ASLIB-CB12

Sci
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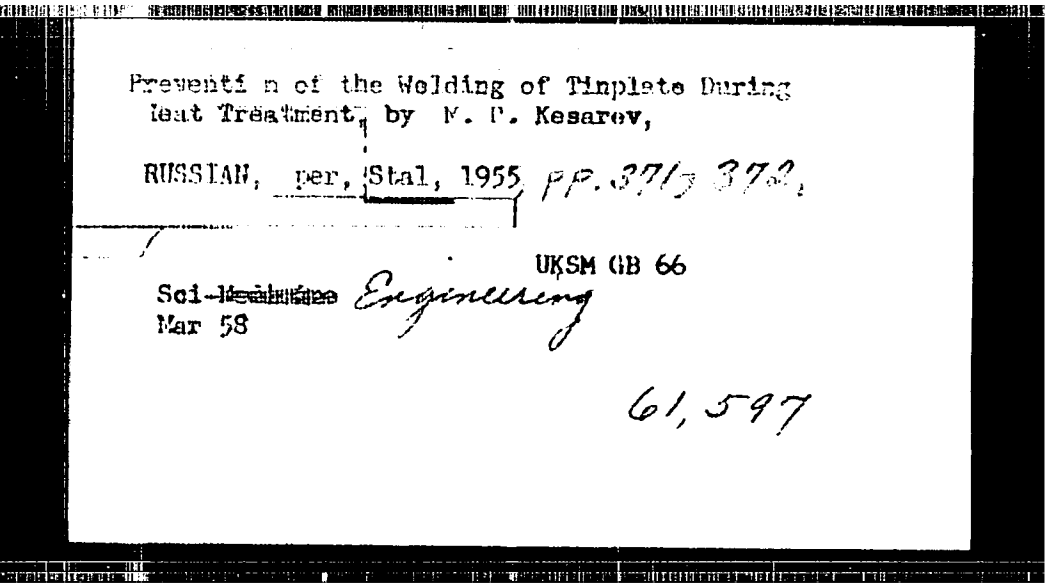

Prevention of the Welding of Tinplate During Heat Treatment, by M. P. Kesarev,

RUSSIAN, per, Stal, 1955 pp. 371, 372.

UKSM GB 66

Sci-~~Medicine~~ Engineering
Mar 58

61,597

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Continuous Improvement of the Quality of Hot Rolled Thin Plate, by G. I. Bel'chenko, USCL I. M. Shapoval.

RUSSIAN, per, Stal, 1955, pp 374-375.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98/165

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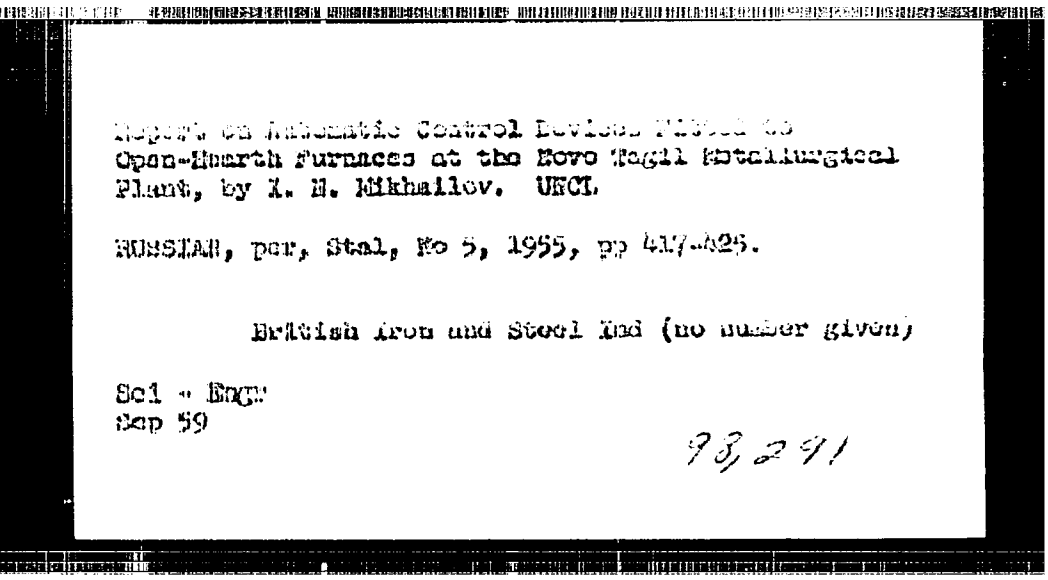

Report on Automatic Control Devices Fitted to Open-Hearth Furnaces at the Novo Tagil Metallurgical Plant, by I. N. Mikhailov. UKCI.

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British Iron and Steel Fed (no number given)

Sci - Engr
Sep 59

93291

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

On the Width of Coke-Oven Chambers by B. I. Kustov.

RUSSIAN, per, Stal, Vol XV, No 5 1955 pp 391-396.

Brutcher Tr 3844
$9.75

Sci - Engr
Mar 58

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Stefanovich, M. A.
INFLUENCE OF PRESSURE ON GAS FLOW IN BLAST FURNACES. [1963] 29p. 10 refs.
Order from OTS or SLA $2.60 63-16874

Trans. of Stal' (USSR) 1955, v. 15, p. 398-407.

DESCRIPTORS: *Blast furnaces, *Gas flow, Pressure.

Pressure drop in a blast furnace is inversely proportional to the gas pressure, assuming a constant distribution and composition of the charge column. An increased top pressure decreased in a blast furnace the angles of repose in a coke charge, the size of the burden at the periphery, and chimney formation, while it increases the amount of fine fractions remaining in the furnace and particularly at the periphery. Theoretically, an increased top pressure is more effective when the regional pressure is lower and when the di-
(Metallurgy, TT, v. 10, no. 9) (over)

63-16874

I. Stefanovich, M. A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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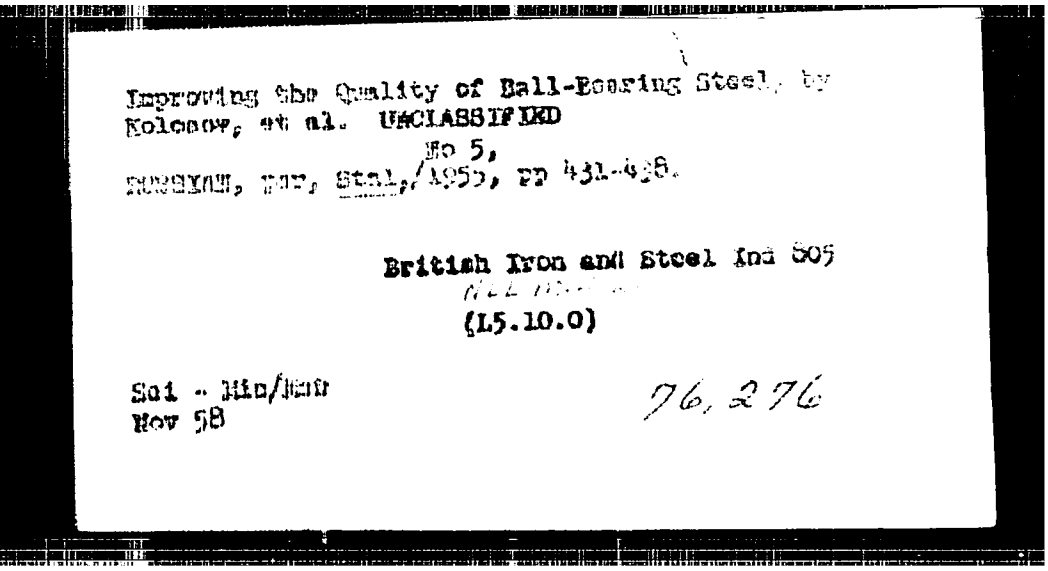

Improving the Quality of Ball-Bearing Steel, by Kolosov, et al. UNCLASSIFIED

No 5,
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British Iron and Steel Inst SOS

(L5.10.0)

Sol - Min/Met
Nov 58

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Electrolytic Polishing of Stainless-Steel Tubing, by N. V. Bogoyavlenskaya, G. N. Bogrets.

RUSSIAN, per, Stal, Vol XV, No 5, 1955, pp 449-454.

HB 3669

Sci - Min/Met

Oct 60

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INFO SK-11

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Sci - Mechanical, Industrial, Civil, and Marine Engineering
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2

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The Semi-Continuous Casting of Steel in the German Democratic Republic, by I. P. Bardin,

RUSSIAN, mo per, Stal, No 5, May 1955, pp 472-.

UKSM GB 12

May 58

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Theory and Practice of Production of Self-Fluxing Sinter for Blast Furnace Use, by D. G. Khokhlov, V. Ya. Miller,

RUSSIAN, per, Stal, Vol XV, No 6, 1955, pp 488-497.

Brutcher Tr
No 3676

$9.80

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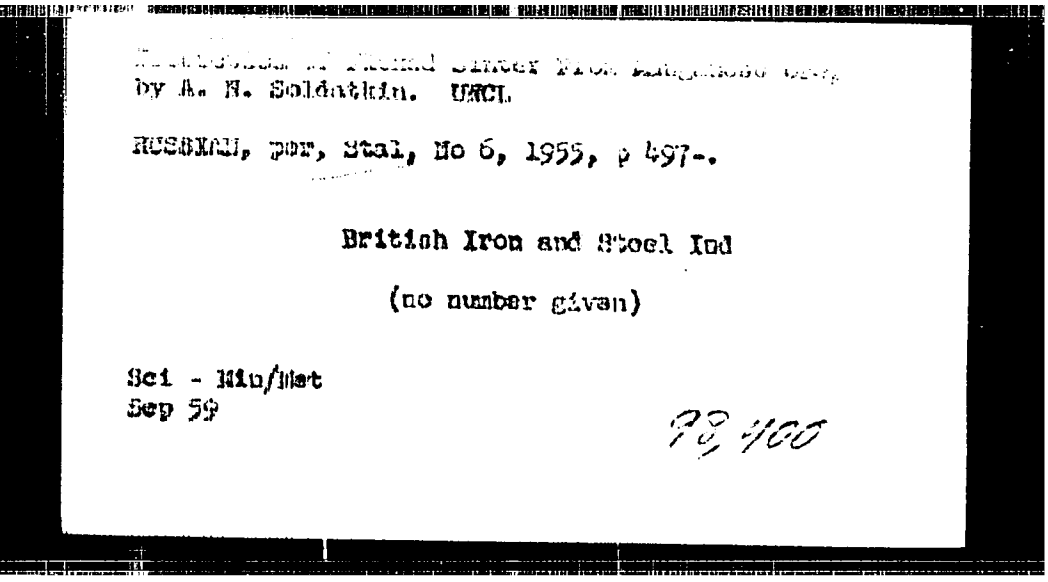

[illegible] by A. N. Soldatkin. USCL.

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British Iron and Steel Ind

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Sci - Min/Met
Sep 59

PB 4100

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by M. M. Kravets. UESL

RUSSIAN, per, Stal, No 6, 1955, p 513.

British Iron and Steel Ind
(no number given)

Sci - Min/Met; Chem
Sep 59

98232

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Nonmetallic Inclusions in Ball-Bearing Steel, by
P. M. Danilow. UNCL

RUSSIAN to GERMAN, per, Stal, Vol XV, 1955, pp 522-525.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27
Germany

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Method of Billet Heating Time on the Quality of Tubes, by N. L. Oslon, et al. UNC.

RUSSIAN, per, Stal, No 6, 1959, pp 537-540.

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(no number given)

Sct - Met/Met
Sep 59

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RUSSIAN, per, Stal', Jul 1955, pp 583-591.

BISI 1592

Sci - Engr

Sep 60

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The Evaluation of the Distribution of the Gas Stream From Gas Temperatures in the Gas-Off-Takes, by A. B. Shur.

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Broken Hill Prop Co Ltd
(CRL/T.405)

Sci - Phys

191, 103

Apr 62

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Burning-in of a New Bottom in a Large All-Basic Open-Hearth Furnace, by V. O. Kulikov, I. I. Bornatskiy.

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Brutcher Tr 3531. 35,507

Sci - Engineering, Min/Metals

Jun 1956

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Influence of Conditions of Crystallization Upon Tears in Steel Ingots, by V. A. Efimov, et al.

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Brutcher Tr 3644

Sci - Minerals/Metals, Chemistry

35,500

Jun 1956

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On the Production of Cold Rolled Transformer Steel, by M. I. Sheftel',

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Coop Trans Scheme Tr 224
16a.Cd. 36,352

Sci - Minerals/Metals, Engineering

Jul 1956

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Energy Problems of Blast-Furnace Operation at Elevated Pressures, by N. K. Kunakov. UNCL

RUSSIAN, par, Stal, No 7, 1955, pp 637-639.

BISI 1583

(Rpt L.4.5a.Cd.)

Sel - Mngr

Mar 60

110 567

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Sur la Theorie de la Formation du Coke et de la Composition des Melanges, by S. G. Aronov, L. L. Nesterenko. UNCL

RUSSIAN to FRENCH, per, Stal, No 8, 1955, pp 678-687.

IRSID T 958
185, rue President-Roosevelt
St. German-en-Laye
Paris 16me

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Development of Economical Furnaces for the Magnetic Roasting Benification of Ores, by V. I. Karmazin.

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BISI 1871.

61-27555
150, 844

Sci - Engr

May 61

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New Process of Pouring Ferrosilicons, by Ya. V. Dashevskiy.

RUSSIAN, per, Stal, Vol XV, No 8, 1955, pp 714-719.

Brutcher Tr
[redacted]
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Jan 56 CTS/DEX
$6.40
30,254

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High Percent Ferrosilicon of Increased Mobility,
by T. P. Khasanova, Yu. P. Venin.

RUSSIAN, per, Stal, Vol XV, No 8, 1955,
pp 720-727.

Brutcher Tr
No 3637

Scientific - Min/Metals Jan 56 CTS/DEK
$7.40 30,257

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Coke Production. Heating Coals with High Frequency Currents, by S. G. Aronov, Yu. B. Tyutyunnikov, 26 p;

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SLA 59-19321

Sci
Apr 60
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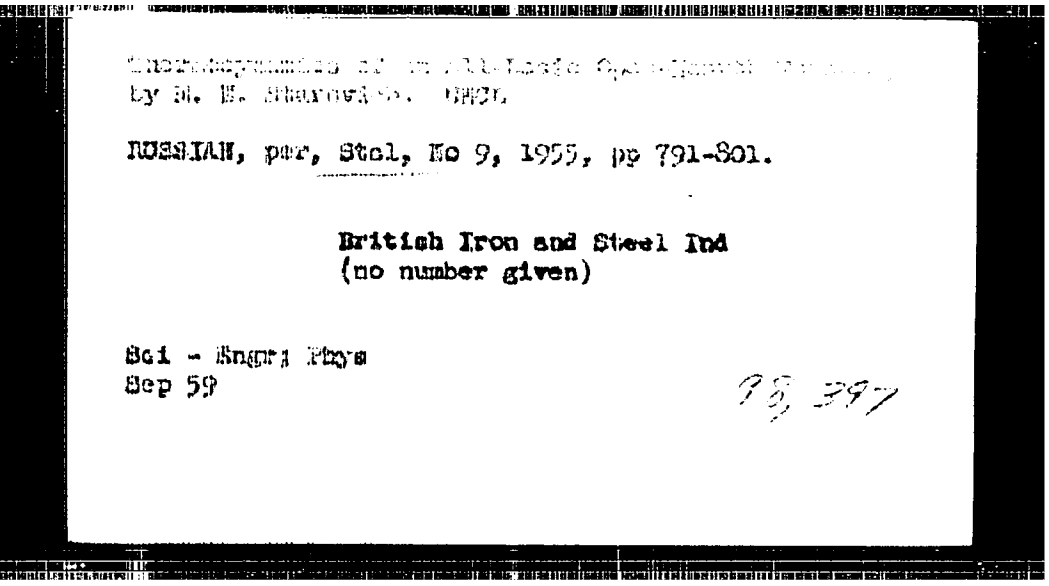

[illegible]
by M. E. Shaurova, IMET.

RUSSIAN, par, Stal, No 9, 1955, pp 791-801.

British Iron and Steel Ind
(no number given)

Sci - Engrg Phys
Sep 59

93 397

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SSIAN, mo per, Stal, Vol XV, No 9, 1955,
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Brutcher No 3643
$6.60

31,243

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b 56 CTS/dox

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New Mill for the Manufacture of Welded Tubes With a Helical Seam, by Tsolikov, Serychov. UNCLASSIFIED

RUSSIAN, per, Stal, No 9, 1955, pp 815-820.

NLL 77.3379
British Iron and Steel Ind 828 (14.0.0)

Scl - Mln/Met
Nov 58

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300870044-2